

Supporting information

Surfactant-free synthesis of a water-soluble PEGylated nanographene-oxide/metal-oxide nanocomposite as engineered antimicrobial weaponry

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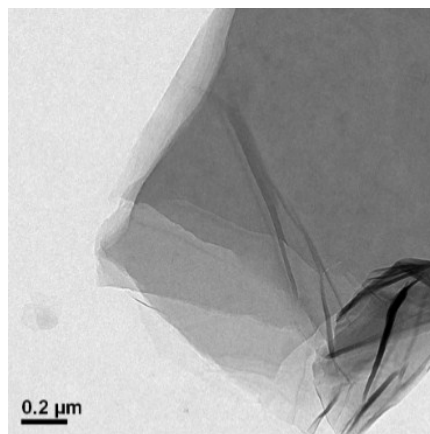


Fig. S1. TEM image of 30 min ultrasonicated GO depicting very thin and transparent sheets.

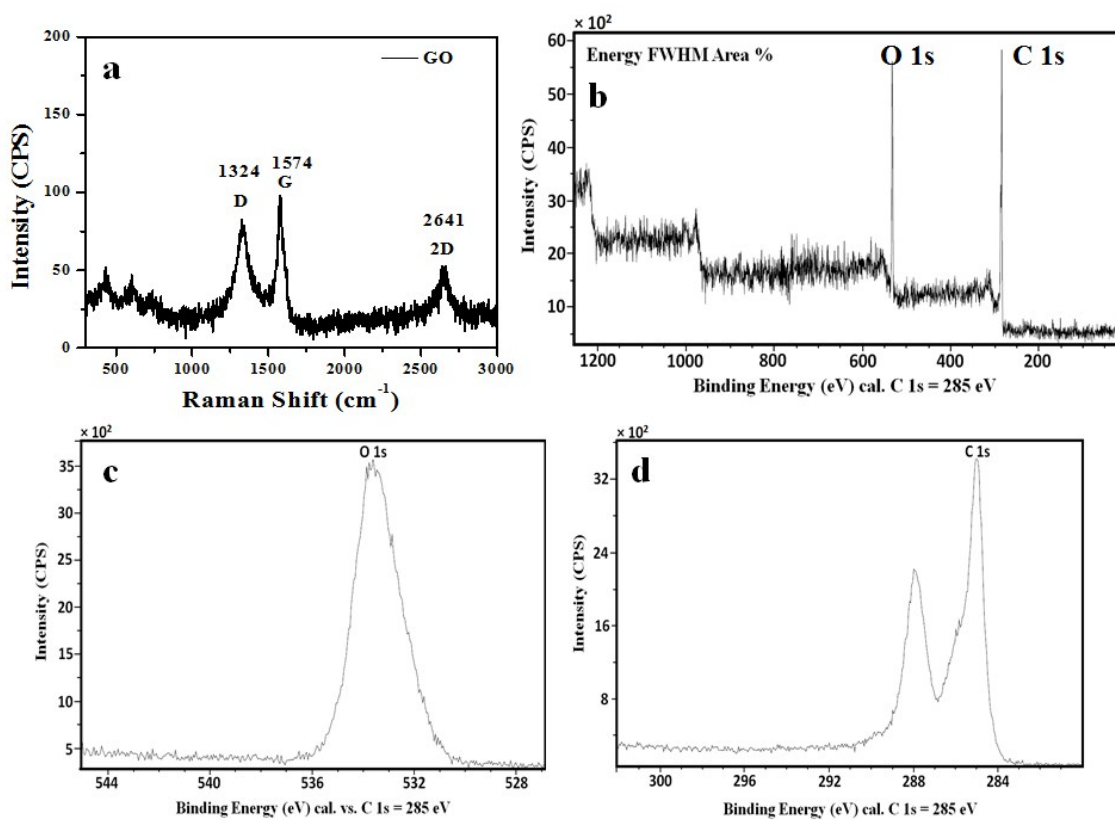


Fig. S2 (a) Raman spectrum of GO, (b) Full scan XPS spectrum, (c) O 1s spectrum, and (d) C 1s spectrum of GO.

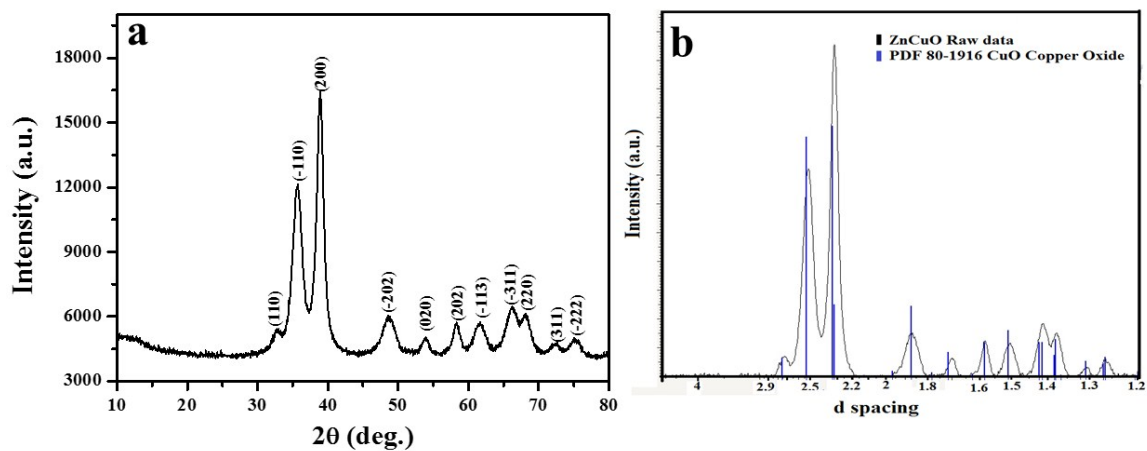


Fig. S3 XRD of ZnCuO plot (a) Intensity vs. 2θ , (b) Intensity vs. d -spacing.

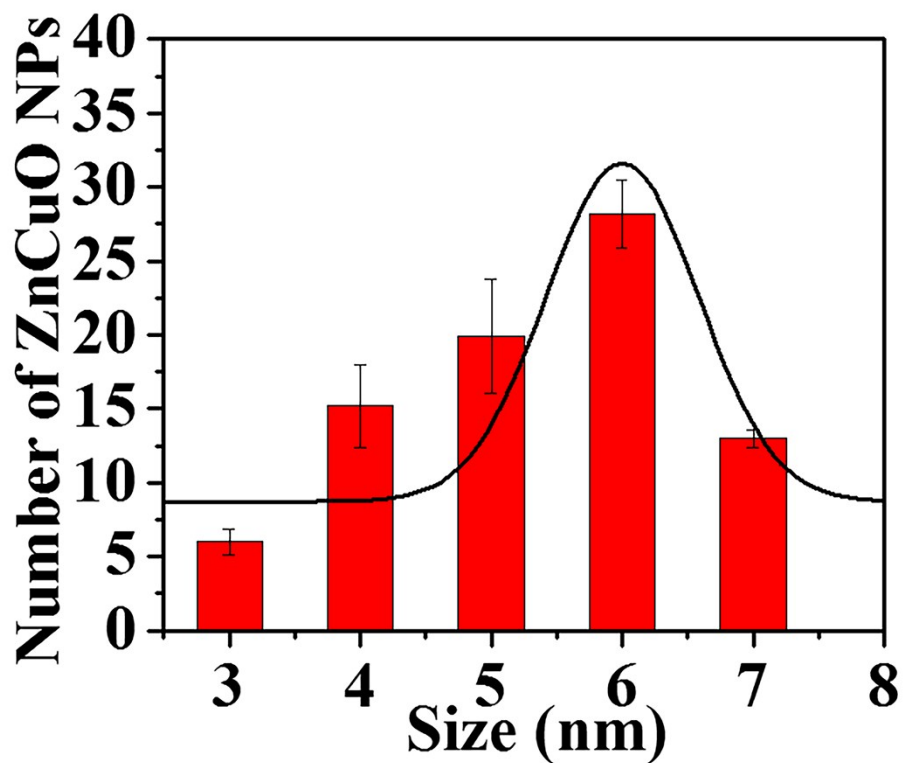


Fig. S4 Size distribution of ZnCuO NPs decorated on the NGO-PEG.